

Title (en)
AEROSOL GENERATING DEVICE AND METHOD OF USE THEREOF

Title (de)
AEROSOLERZEUGUNGSVORRICHTUNG UND VERWENDUNGSVERFAHREN DAFÜR

Title (fr)
GENERATEUR D'AEROSOL ET SON PROCEDE D'UTILISATION

Publication
EP 1549440 B1 20121212 (EN)

Application
EP 03752006 A 20030905

Priority
• US 0327729 W 20030905
• US 40829502 P 20020906

Abstract (en)
[origin: WO2004022242A1] An aerosol generating device generates an aerosol having a desired particle size by passing a liquid through a flow passage heated to convert the liquid into a vapor. The flow passage includes an outlet section that controls the exit velocity of the vapor and produces an aerosol with a desired particle size. The aerosol generator can be incorporated in a hand held inhaler, and the liquid can include a medicament, which is delivered to a targeted portion of the lung using the inhaler.

IPC 8 full level
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CPC (source: EP US)
A61M 11/001 (2014.02 - EP US); **A61M 11/041** (2013.01 - EP US); **A61M 11/042** (2014.02 - EP US); **A61M 15/008** (2014.02 - EP US); **A61M 15/025** (2014.02 - EP US); **B05B 1/24** (2013.01 - EP US); **B05B 17/04** (2013.01 - EP US); **A61M 2205/50** (2013.01 - EP US); **A61M 2205/8206** (2013.01 - EP US)

Cited by
US10034988B2; US10194693B2

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004022242 A1 20040318; WO 2004022242 A9 20040722; AU 2003270320 A1 20040329; AU 2003270320 B2 20081023; CA 2497869 A1 20040318; CA 2497869 C 20130604; CN 100357035 C 20071226; CN 1694765 A 20051109; EP 1549440 A1 20050706; EP 1549440 A4 20071107; EP 1549440 B1 20121212; ES 2400706 T3 20130411; JP 2005537918 A 20051215; JP 4473126 B2 20100602; PT 1549440 E 20130125; US 2004129793 A1 20040708; US 7147170 B2 20061212

DOCDB simple family (application)
US 0327729 W 20030905; AU 2003270320 A 20030905; CA 2497869 A 20030905; CN 03824909 A 20030905; EP 03752006 A 20030905; ES 03752006 T 20030905; JP 2004534574 A 20030905; PT 03752006 T 20030905; US 65501703 A 20030905